

# Eyal Shahar

## List of Publications by Citations

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120  
papers

19,293  
citations

56  
h-index

122  
g-index

122  
ext. papers

21,508  
ext. citations

7.6  
avg, IF

6.02  
L-index

#	Paper	IF	Citations
120	Sleep-disordered breathing and cardiovascular disease: cross-sectional results of the Sleep Heart Health Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2001</b> , 163, 19-25	10.2	2263
119	Prospective study of obstructive sleep apnea and incident coronary heart disease and heart failure: the sleep heart health study. <i>Circulation</i> , <b>2010</b> , 122, 352-60	16.7	1024
118	Predictors of sleep-disordered breathing in community-dwelling adults: the Sleep Heart Health Study. <i>Archives of Internal Medicine</i> , <b>2002</b> , 162, 893-900		893
117	Sleep-disordered breathing and mortality: a prospective cohort study. <i>PLoS Medicine</i> , <b>2009</b> , 6, e1000132	11.6	883
116	Obstructive sleep apnea-hypopnea and incident stroke: the sleep heart health study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2010</b> , 182, 269-77	10.2	877
115	Association of nocturnal arrhythmias with sleep-disordered breathing: The Sleep Heart Health Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 173, 910-6	10.2	862
114	Sleep-disordered breathing, glucose intolerance, and insulin resistance: the Sleep Heart Health Study. <i>American Journal of Epidemiology</i> , <b>2004</b> , 160, 521-30	3.8	738
113	Stroke incidence and survival among middle-aged adults: 9-year follow-up of the Atherosclerosis Risk in Communities (ARIC) cohort. <i>Stroke</i> , <b>1999</b> , 30, 736-43	6.7	643
112	Retinal microvascular abnormalities and incident stroke: the Atherosclerosis Risk in Communities Study. <i>Lancet, The</i> , <b>2001</b> , 358, 1134-40	40	632
111	Ethnic differences in coronary calcification: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>Circulation</i> , <b>2005</b> , 111, 1313-20	16.7	567
110	Recent trends in acute coronary heart disease--mortality, morbidity, medical care, and risk factors. The Minnesota Heart Survey Investigators. <i>New England Journal of Medicine</i> , <b>1996</b> , 334, 884-90	59.2	546
109	Retinal vascular caliber, cardiovascular risk factors, and inflammation: the multi-ethnic study of atherosclerosis (MESA). <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 2341-50		439
108	Percent emphysema, airflow obstruction, and impaired left ventricular filling. <i>New England Journal of Medicine</i> , <b>2010</b> , 362, 217-27	59.2	396
107	Diabetes and sleep disturbances: findings from the Sleep Heart Health Study. <i>Diabetes Care</i> , <b>2003</b> , 26, 702-9	14.6	382
106	Associations of whole-grain, refined-grain, and fruit and vegetable consumption with risks of all-cause mortality and incident coronary artery disease and ischemic stroke: the Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Clinical Nutrition</i> , <b>2003</b> , 78, 383-90	7	379
105	Genomewide association studies of stroke. <i>New England Journal of Medicine</i> , <b>2009</b> , 360, 1718-28	59.2	376
104	Prospective study of markers of hemostatic function with risk of ischemic stroke. The Atherosclerosis Risk in Communities (ARIC) Study Investigators. <i>Circulation</i> , <b>1999</b> , 100, 736-42	16.7	350

103	Stroke incidence and mortality trends in US communities, 1987 to 2011. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 312, 259-68	27.4	326
102	Trends in acute coronary heart disease mortality, morbidity, and medical care from 1985 through 1997: the Minnesota heart survey. <i>Circulation</i> , <b>2001</b> , 104, 19-24	16.7	286
101	Sleep and sleep-disordered breathing in adults with predominantly mild obstructive airway disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 167, 7-14	10.2	283
100	Risk factors for ischemic stroke subtypes: the Atherosclerosis Risk in Communities study. <i>Stroke</i> , <b>2006</b> , 37, 2493-8	6.7	282
99	Differences between respondents and nonrespondents in a multicenter community-based study vary by gender ethnicity. The Atherosclerosis Risk in Communities (ARIC) Study Investigators. <i>Journal of Clinical Epidemiology</i> , <b>1996</b> , 49, 1441-46	5.7	274
98	Risk factors for intracerebral hemorrhage in a pooled prospective study. <i>Stroke</i> , <b>2007</b> , 38, 2718-25	6.7	251
97	Hormone replacement therapy and sleep-disordered breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2003</b> , 167, 1186-92	10.2	249
96	Reliability of scoring respiratory disturbance indices and sleep staging. <i>Sleep</i> , <b>1998</b> , 21, 749-57	1.1	247
95	Plasma lipid profile and incident ischemic stroke: the Atherosclerosis Risk in Communities (ARIC) study. <i>Stroke</i> , <b>2003</b> , 34, 623-31	6.7	242
94	White blood cell count and incidence of coronary heart disease and ischemic stroke and mortality from cardiovascular disease in African-American and White men and women: atherosclerosis risk in communities study. <i>American Journal of Epidemiology</i> , <b>2001</b> , 154, 758-64	3.8	240
93	Classification of heart failure in the atherosclerosis risk in communities (ARIC) study: a comparison of diagnostic criteria. <i>Circulation: Heart Failure</i> , <b>2012</b> , 5, 152-9	7.6	210
92	Correlates of cognitive function in middle-aged adults. Atherosclerosis Risk in Communities (ARIC) Study Investigators. <i>Gerontology</i> , <b>1998</b> , 44, 95-105	5.5	200
91	Triggering of nocturnal arrhythmias by sleep-disordered breathing events. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, 1797-804	15.1	185
90	Performance of American Thoracic Society-recommended spirometry reference values in a multiethnic sample of adults: the multi-ethnic study of atherosclerosis (MESA) lung study. <i>Chest</i> , <b>2010</b> , 137, 138-45	5.3	185
89	Dietary n-3 polyunsaturated fatty acids and smoking-related chronic obstructive pulmonary disease. Atherosclerosis Risk in Communities Study Investigators. <i>New England Journal of Medicine</i> , <b>1994</b> , 331, 228-33	59.2	158
88	Sleep and reported daytime sleepiness in normal subjects: the Sleep Heart Health Study. <i>Sleep</i> , <b>2004</b> , 27, 293-8	1.1	151
87	Prediction of incident heart failure in general practice: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Circulation: Heart Failure</i> , <b>2012</b> , 5, 422-9	7.6	128
86	Electrocardiographic findings in a healthy biracial population. Atherosclerosis Risk in Communities (ARIC) Study Investigators. <i>American Journal of Cardiology</i> , <b>1998</b> , 81, 453-9	3	122

85	Prediction of ischemic stroke risk in the Atherosclerosis Risk in Communities Study. <i>American Journal of Epidemiology</i> , <b>2004</b> , 160, 259-69	3.8	116
84	Association of physical activity with sleep-disordered breathing. <i>Sleep and Breathing</i> , <b>2007</b> , 11, 149-57	3.1	111
83	Familial history of stroke and stroke risk. The Family Heart Study. <i>Stroke</i> , <b>1997</b> , 28, 1908-12	6.7	111
82	Serum uric acid and risk of ischemic stroke: the ARIC Study. <i>Atherosclerosis</i> , <b>2006</b> , 187, 401-7	3.1	110
81	Physical activity and ischemic stroke risk. The atherosclerosis risk in communities study. <i>Stroke</i> , <b>1999</b> , 30, 1333-9	6.7	107
80	Serum insulin and glucose levels and breast cancer incidence: the atherosclerosis risk in communities study. <i>American Journal of Epidemiology</i> , <b>2002</b> , 156, 349-52	3.8	102
79	Glycaemia (haemoglobin A1c) and incident ischaemic stroke: the Atherosclerosis Risk in Communities (ARIC) Study. <i>Lancet Neurology, The</i> , <b>2005</b> , 4, 821-6	24.1	101
78	HDL-cholesterol and incidence of breast cancer in the ARIC cohort study. <i>Annals of Epidemiology</i> , <b>2008</b> , 18, 671-7	6.4	91
77	Fifteen-year trends in cardiovascular risk factors (1980-1982 through 1995-1997): the Minnesota Heart Survey. <i>American Journal of Epidemiology</i> , <b>2002</b> , 156, 929-35	3.8	90
76	Trends in Hospitalizations and Survival of Acute Decompensated Heart Failure in Four US Communities (2005-2014): ARIC Study Community Surveillance. <i>Circulation</i> , <b>2018</b> , 138, 12-24	16.7	88
75	Obstructive sleep apnea and incident type 2 diabetes. <i>Sleep Medicine</i> , <b>2016</b> , 25, 156-161	4.6	86
74	Measures of cognitive function in persons with varying degrees of sleep-disordered breathing: the Sleep Heart Health Study. <i>Journal of Sleep Research</i> , <b>2002</b> , 11, 265-72	5.8	75
73	Patterns of aspirin use in middle-aged adults: the Atherosclerosis Risk in Communities (ARIC) Study. <i>American Heart Journal</i> , <b>1996</b> , 131, 915-22	4.9	74
72	Airflow obstruction, lung function, and risk of incident heart failure: the Atherosclerosis Risk in Communities (ARIC) study. <i>European Journal of Heart Failure</i> , <b>2012</b> , 14, 414-22	12.3	73
71	Incidence and survival of hospitalized acute decompensated heart failure in four US communities (from the Atherosclerosis Risk in Communities Study). <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 504-10 <sup>3</sup>		72
70	Validity of hospital discharge diagnosis codes for stroke: the Atherosclerosis Risk in Communities Study. <i>Stroke</i> , <b>2014</b> , 45, 3219-25	6.7	71
69	Sleep characteristics and risk of dementia and Alzheimer's disease: The Atherosclerosis Risk in Communities Study. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 157-166	1.2	70
68	Lung function and ischemic stroke incidence: the Atherosclerosis Risk in Communities study. <i>Chest</i> , <b>2006</b> , 130, 1642-9	5.3	68

67	Hospitalized heart failure: rates and long-term mortality. <i>Journal of Cardiac Failure</i> , <b>2004</b> , 10, 374-9	3.3	67
66	Improved survival of stroke patients during the 1980s. The Minnesota Stroke Survey. <i>Stroke</i> , <b>1995</b> , 26, 1-6	6.7	60
65	Relation of ventricular premature complexes to heart failure (from the Atherosclerosis Risk In Communities [ARIC] Study). <i>American Journal of Cardiology</i> , <b>2012</b> , 109, 105-9	3	57
64	Docosahexaenoic acid and smoking-related chronic obstructive pulmonary disease. The Atherosclerosis Risk in Communities Study Investigators. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1999</b> , 159, 1780-5	10.2	54
63	Orthostatic hypotension as a risk factor for incident heart failure: the atherosclerosis risk in communities study. <i>Hypertension</i> , <b>2012</b> , 59, 913-8	8.5	53
62	Longitudinal evaluation of sleep-disordered breathing and sleep symptoms with change in quality of life: the Sleep Heart Health Study (SHHS). <i>Sleep</i> , <b>2009</b> , 32, 1049-57	1.1	53
61	Objectively measured sleep characteristics and prevalence of coronary artery calcification: the Multi-Ethnic Study of Atherosclerosis Sleep study. <i>Thorax</i> , <b>2015</b> , 70, 880-7	7.3	48
60	Premature ventricular complexes and the risk of incident stroke: the Atherosclerosis Risk In Communities (ARIC) Study. <i>Stroke</i> , <b>2010</b> , 41, 588-93	6.7	48
59	Predicting stroke through genetic risk functions: the CHARGE Risk Score Project. <i>Stroke</i> , <b>2014</b> , 45, 403-13	7.7	46
58	Relation of sleep-disordered breathing to carotid plaque and intima-media thickness. <i>Atherosclerosis</i> , <b>2008</b> , 197, 125-31	3.1	46
57	Meta-Analysis of Genome-Wide Association Studies Identifies Genetic Risk Factors for Stroke in African Americans. <i>Stroke</i> , <b>2015</b> , 46, 2063-8	6.7	44
56	Plasma d-Dimer and Incident Ischemic Stroke and Coronary Heart Disease: The Atherosclerosis Risk in Communities Study. <i>Stroke</i> , <b>2016</b> , 47, 18-23	6.7	41
55	Carotid artery wall thickness and risk of stroke subtypes: the atherosclerosis risk in communities study. <i>Stroke</i> , <b>2011</b> , 42, 397-403	6.7	37
54	A Popperian perspective of the term 'evidence-based medicine'. <i>Journal of Evaluation in Clinical Practice</i> , <b>1997</b> , 3, 109-16	2.5	37
53	Obstructive Sleep Apnea and 15-Year Cognitive Decline: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Sleep</i> , <b>2016</b> , 39, 309-16	1.1	37
52	Baldness and myocardial infarction in men: the atherosclerosis risk in communities study. <i>American Journal of Epidemiology</i> , <b>2008</b> , 167, 676-83	3.8	36
51	Polysomnographic predictors of blood pressure and hypertension: is one index best?. <i>Sleep</i> , <b>2005</b> , 28, 1122-30	1.1	31
50	Hemostatic and inflammatory risk factors for intracerebral hemorrhage in a pooled cohort. <i>Stroke</i> , <b>2008</b> , 39, 2268-73	6.7	30

49	Association between physical activity and risk of stroke subtypes: the atherosclerosis risk in communities study. <i>Neuroepidemiology</i> , <b>2013</b> , 40, 109-16	5.4	29
48	Obstructive sleep apnea and progression of coronary artery calcium: the multi-ethnic study of atherosclerosis study. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e001241	6	28
47	Genetic ancestry and the relationship of cigarette smoking to lung function and per cent emphysema in four race/ethnic groups: a cross-sectional study. <i>Thorax</i> , <b>2013</b> , 68, 634-642	7.3	26
46	Comparison of medical care and one- and 12-month mortality of hospitalized patients with acute myocardial infarction in Minneapolis-St. Paul, Minnesota, United States of America and GÖteborg, Sweden. <i>American Journal of Cardiology</i> , <b>1997</b> , 80, 557-62	3	26
45	Association of sleep apnea and sleep duration with peripheral artery disease: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , <b>2016</b> , 251, 467-475	3.1	25
44	Depressive Symptoms and Risk of Cardiovascular Events in Blacks: Findings From the Jackson Heart Study. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2015</b> , 8, 552-9	5.8	25
43	The role of stroke attack rate and case fatality in the decline of stroke mortality. The Minnesota Heart Survey. <i>Annals of Epidemiology</i> , <b>1993</b> , 3, 483-7	6.4	25
42	Sleep Apnea, Sleep Duration and Brain MRI Markers of Cerebral Vascular Disease and Alzheimer's Disease: The Atherosclerosis Risk in Communities Study (ARIC). <i>PLoS ONE</i> , <b>2016</b> , 11, e0158758	3.7	23
41	Family History of Coronary Heart Disease and Hemostatic Variables in Middle-Aged Adults. <i>Thrombosis and Haemostasis</i> , <b>1997</b> , 77, 087-093	7	23
40	Stroke rates during the 1980s. The Minnesota Stroke Survey. <i>Stroke</i> , <b>1997</b> , 28, 275-9	6.7	21
39	Causal diagrams for encoding and evaluation of information bias. <i>Journal of Evaluation in Clinical Practice</i> , <b>2009</b> , 15, 436-40	2.5	20
38	Sleep-disordered breathing is not associated with the presence of retinal microvascular abnormalities: the Sleep Heart Health Study. <i>Sleep</i> , <b>2004</b> , 27, 467-73	1.1	20
37	Midlife Alcohol Consumption and the Risk of Stroke in the Atherosclerosis Risk in Communities Study. <i>Stroke</i> , <b>2015</b> , 46, 3124-30	6.7	18
36	Apnea-hypopnea index: time to wake up. <i>Nature and Science of Sleep</i> , <b>2014</b> , 6, 51-6	3.6	18
35	The association of body mass index with health outcomes: causal, inconsistent, or confounded?. <i>American Journal of Epidemiology</i> , <b>2009</b> , 170, 957-8	3.8	18
34	Migraine Age of Onset and Association With Ischemic Stroke in Late Life: 20 Years Follow-Up in ARIC. <i>Headache</i> , <b>2019</b> , 59, 556-566	4.2	16
33	Separate prediction of intracerebral hemorrhage and ischemic stroke. <i>Neurology</i> , <b>2014</b> , 82, 1804-12	6.5	15
32	The association of lipoprotein(a) with incident heart failure hospitalization: Atherosclerosis Risk in Communities study. <i>Atherosclerosis</i> , <b>2017</b> , 262, 131-137	3.1	14

31	Classification of acute decompensated heart failure: an automated algorithm compared with a physician reviewer panel: the Atherosclerosis Risk in Communities study. <i>Circulation: Heart Failure</i> , <b>2013</b> , 6, 719-26	7.6	14
30	Estimating causal parameters without target populations. <i>Journal of Evaluation in Clinical Practice</i> , <b>2007</b> , 13, 814-6	2.5	14
29	Prognostic value of a novel classification scheme for heart failure: the Minnesota Heart Failure Criteria. <i>American Journal of Epidemiology</i> , <b>2006</b> , 164, 184-93	3.8	14
28	Causal diagrams and change variables. <i>Journal of Evaluation in Clinical Practice</i> , <b>2012</b> , 18, 143-8	2.5	13
27	Evidence-based medicine: a new paradigm or the Emperor's new clothes?. <i>Journal of Evaluation in Clinical Practice</i> , <b>1998</b> , 4, 277-82	2.5	13
26	A comparative analysis of risk factors for stroke in blacks and whites: the Atherosclerosis Risk in Communities study. <i>Ethnicity and Health</i> , <b>2014</b> , 19, 601-16	2.2	12
25	On the causal structure of information bias and confounding bias in randomized trials. <i>Journal of Evaluation in Clinical Practice</i> , <b>2009</b> , 15, 1214-6	2.5	9
24	Carotid intima-media thickness, electrocardiographic left ventricular hypertrophy, and incidence of intracerebral hemorrhage. <i>Stroke</i> , <b>2011</b> , 42, 3075-9	6.7	9
23	Dietary n-3 polyunsaturated acids and smoking-related chronic obstructive pulmonary disease. <i>American Journal of Epidemiology</i> , <b>2008</b> , 168, 796-801	3.8	9
22	On morality and logic in medical practice: commentary on TA critical appraisal of evidence-based medicine: some ethical considerations (Gupta 2003; <i>Journal of Evaluation in Clinical Practice</i> 9, 111-121). <i>Journal of Evaluation in Clinical Practice</i> , <b>2003</b> , 9, 133-5	2.5	9
21	Causal diagrams and the logic of matched case-control studies. <i>Clinical Epidemiology</i> , <b>2012</b> , 4, 137-44	5.9	8
20	Are lung disease and function related to age-related macular degeneration?. <i>American Journal of Ophthalmology</i> , <b>2011</b> , 151, 375-9	4.9	8
19	Associations of NINJ2 sequence variants with incident ischemic stroke in the Cohorts for Heart and Aging in Genomic Epidemiology (CHARGE) consortium. <i>PLoS ONE</i> , <b>2014</b> , 9, e99798	3.7	8
18	Post menopausal hormones and measures of subclinical atherosclerosis: the multi-ethnic study of atherosclerosis. <i>Preventive Medicine</i> , <b>2008</b> , 47, 38-45	4.3	6
17	Historical trends in survival of hospitalized heart failure patients: 2000 versus 1995. <i>BMC Cardiovascular Disorders</i> , <b>2007</b> , 7, 2	2.3	6
16	A method to detect an unknown confounder: something from nothing?. <i>Journal of Evaluation in Clinical Practice</i> , <b>2012</b> , 18, 702-3	2.5	5
15	Evaluating the effect of change on change: a different viewpoint. <i>Journal of Evaluation in Clinical Practice</i> , <b>2009</b> , 15, 204-7	2.5	5
14	Metabolic syndrome? A critical look from the viewpoints of causal diagrams and statistics. <i>Journal of Cardiovascular Medicine</i> , <b>2010</b> , 11, 772-9	1.9	5

13	Generalizability: beyond plausibility and handwaving. <i>Journal of Evaluation in Clinical Practice</i> , <b>2003</b> , 9, 151-9	2.5	5
12	Trends in medical care of hospitalized stroke patients between 1980 and 1990: the Minnesota Stroke Survey. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>1998</b> , 7, 76-84	2.8	4
11	Commentary: interpreting the interpretation. <i>Journal of Evaluation in Clinical Practice</i> , <b>2007</b> , 13, 693-4	2.5	4
10	Marginal structural models: much ado about (almost) nothing. <i>Journal of Evaluation in Clinical Practice</i> , <b>2013</b> , 19, 214-22	2.5	3
9	A new criterion for confounder selection? Neither a confounder nor science. <i>Journal of Evaluation in Clinical Practice</i> , <b>2013</b> , 19, 984-6	2.5	3
8	Causal diagrams, the placebo effect, and the expectation effect. <i>International Journal of General Medicine</i> , <b>2013</b> , 6, 821-8	2.3	3
7	Forced Expiratory Volume in the First Second and Aldosterone as Mediators of Smoking Effect on Stroke in African Americans: The Jackson Heart Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	1
6	Making sense of health statistics?. <i>Journal of Evaluation in Clinical Practice</i> , <b>2009</b> , 15, 1217-9	2.5	1
5	On editorial practice and peer review. <i>Journal of Evaluation in Clinical Practice</i> , <b>2007</b> , 13, 699-701	2.5	1
4	Fish consumption may limit the damage of smoking on the lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1995</b> , 151, 1688-9	10.2	1
3	Temporal trends in validated ischaemic stroke hospitalizations in the USA. <i>International Journal of Epidemiology</i> , <b>2019</b> , 48, 994-1003	7.8	
2	Causal diagrams, gastroesophageal reflux and erosive oesophagitis. <i>Journal of Evaluation in Clinical Practice</i> , <b>2013</b> , 19, 976-83	2.5	
1	Reflux, Barrett's esophagus and esophageal adenocarcinoma. <i>Scandinavian Journal of Gastroenterology</i> , <b>2014</b> , 49, 1499-500	2.4	